

Notice of Allowability

Application No.

10/813,125

Examiner

Ji H. Bae

Applicant(s)

KIM ET AL.

Art Unit

2115

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to application filed on 3-31-2004.
2. ☒ The allowed claim(s) is/are 1-15.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

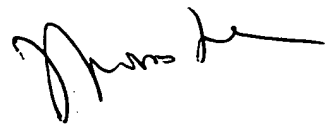
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 3-31-2004, 5-19-2005
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____



DETAILED ACTION

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance:

Boccon-Gibod, U.S. Patent No. 5,426,775, teaches a method and a device for booting a computer at a programmed time. Boccon-Gibod teaches selecting a time and storing it in non-volatile memory. When a comparison between a permanently powered clock and the programmed time indicates that they are equal, the computer is booted and configured [col. 7, lines 60-67, claim 1].

Yamaki, U.S. Patent No. 5,995,454, teaches a computer system with an alarm function which is used to automatically start up the computer system. Yamaki teaches a system in which a Real-Time Clock compares it's current time to a user programmed time. Yamaki additionally teaches that the Real-Time Clock, in addition to hours/minutes/seconds, also keeps track of year, month, and day-of-month.

Kelsey, U.S. Patent No. 6,330,676, teaches a method and system for automatically activating a computer and running start-up activities. The method of Kelsey involves detecting the presence of a user, and then determining if a predetermined amount of time since the last operation has passed. If it has, the computer is activated.

Neither Boccon-Gibod, Yamaki, nor Kelsey teaches, alone or in combination:

a booting compensator to allow the computer system to continue being booted in response to a booting start time being equal to a comparative set time which is previously stored, and to compensate the booting set time so that it corresponds with the comparative set time, and to stop the booting of the computer system, in response to the booting start time being different from the comparative set time.

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Additionally, neither Boccon-Gibod, Yamaki, nor Kelsey teaches, alone or in combination:

a booting setting part to receive a user set time from a user; wherein the booting setting part stores the user set time as the booting set time in the clock module, and as the comparative set time in the booting compensator, in response to the user set time being within the set limits, and stores the user set time as the comparative set time in the booting compensator, and a wakeup time within the set limits as the booting set time in the clock module, in response to the user set time being beyond the set limits.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ji H. Bae whose telephone number is 571-272-7181. The examiner can normally be reached on Monday-Friday, 10 am to 6:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Lee can be reached on 571-272-3667. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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A handwritten signature in black ink, appearing to read "Ji H. Bae", is located in the lower right quadrant of the page.